

## **REMARKS**

### **I. INTRODUCTORY REMARKS**

The Office Action dated June 9, 2009 has been received and its contents carefully considered. By this amendment, claim 15 has been amended, and no claims have been canceled or added. Accordingly, upon entry of this amendment, claims 1, 3-8, 10-15, and 17-20 are pending in the application. A Request for Continued Examination (RCE) is being filed concurrently with this Amendment. The Applicant thanks the Examiner for the careful consideration of this application. Based on the foregoing amendments and the following remarks, the Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

### **II. CLAIM REJECTIONS UNDER 35 U.S.C. § 103**

On pages 2-6 of the Office Action, claims 1, 3-7, 15-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Publication No. US 2004/0267691 to Vasudeva *et al.* (hereinafter “Vasudeva”) in view of U.S. Patent No. 6,075,938 to Bugnion *et al.* (hereinafter “Bugnion”).

Initially, for the purpose of this response, the Applicants note that the Office Action does not appear to set forth a reason for rejecting claim 1, thus Paragraph 8 of the Office Action is presumed to be rejecting claim 1 for the same reasons as claim 8.

Claim 1 is allowable for at least the following reason: no reasonable combination of Vasudeva and Bugnion discloses or renders obvious “communicating the data stored in the page from the first virtual machine to the second virtual machine by updating a page table by a processor by **remapping** the page **from being associated** with the first virtual machine **to being associated** with the second virtual machine” as recited in claim 1. The Office Action acknowledges that Vasudeva does not teach or suggest this recited claim feature.

Bugnion does not provide the missing disclosure or suggestion. Referring to the rejection of claim 1, the Office Action aligns the message transfer of Bugnion with “**remapping** the page **from being associated** with the first virtual machine **to being associated** with the second virtual machine.” However, the message transfer of Bugnion does not remap the page “from being

associated with the first virtual machine to being associated with the second virtual machine,” as recited in claim 1. Rather, as shown in FIG. 4 of Bugnion and cited by the Office Action, a “message transfer sent between virtual machines causes the DMA unit to map the page read-only into **both** the sending and receiving virtual machine’s physical address spaces.” Bugnion, col. 16, lines 1-12. Bugnion further describes this mapping as allowing “memory sharing” where “as a result, all read-only pages can be shared between virtual machines.” Bugnion, col. 16, line 1 and col. 16, lines 30-31. Therefore, no reasonable combination of Vasudeva and Bugnion discloses or renders obvious “remapping the page from being associated with the first virtual machine to being associated with the second virtual machine,” as recited in amended claim 1.

Thus, Applicants respectfully request reconsideration and withdrawal of the rejections.

Claims 8 and 15 are independent claims and recite similar language to independent claim 1 in regard to remapping a page, and are patentable over any reasonable combination of Vasudeva and Bugnion for at least the foregoing reasons. Thus, Applicants respectfully request reconsideration and withdrawal of the rejections.

Claims 3-7, 10-14, and 17-20 depend respectively from claims 1, 8, and 15, which, as demonstrated above, are patentable over the document for at least the foregoing reasons. Applicants respectfully request reconsideration and withdrawal of the rejections.

**CONCLUSION**

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant, therefore, respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is hereby invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment is respectfully requested.

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Respectfully submitted,

By: 

**James R. Burdett**

Registration No.: 31,594

VENABLE LLP

P.O. Box 34385

Washington, DC 20043-9998

(202) 344-4000

(202) 344-8300 (Fax)

Attorney/Agent For Applicant

#1047937